The webinar will be recorded and posted on the CARLI website.

To ask a question, type in the chat box.

The session will run about 30 minutes, including time after for Q&A.

We will begin at 1:00 p.m.

Agenda
- Welcome
- Collection Stats Now
- Collection Stat Experiments
- Access How-To of the Month: the BIB_FORMAT_DISPLAY table
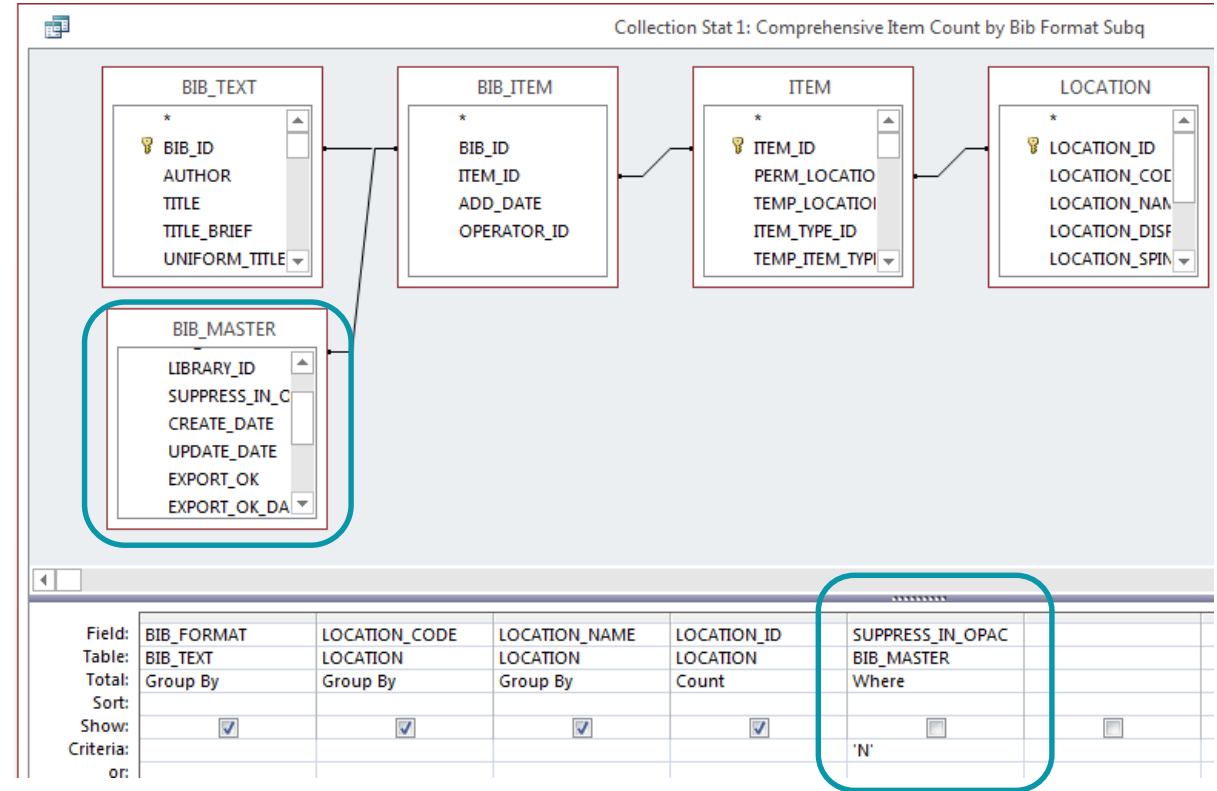- Open Q&A

Collection Statistics 1-10

- Originally defined on older ILS, older statistical reporting systems
- Item-based counting
- Ignores suppression and status
- Complementary queries on lost/withdrawn by location

Improving Item Counts

- Modify subqueries to cover suppression

Library-Wide Title Count

– Easy: Count unsuppressed bibs

– Collection Stat 6

– Challenging: Count unsuppressed bibs by location

- Get bibs and mfhds, including location
- Group by BIB_ID, min(location)
- Counts title only in the first location found

BIB_FORMAT	Location	TitleCount
ai	Electronic Resource	11
am	Annex	340971
as	Annex	6202
ca	Music Scores	1
cc	Curriculum Collection	1
cm	Children's Literature	3368
dm	Music Scores	4
em	CL Reference	70
es	Indexes	3
gc	Circulating Videos	3
gi	Main Collection	1
gm	Circulating Videos	7039
hm	Main Collection	2
im	Circulating Videos	3908
jm	Circulating Audio	3176
km	Curriculum Collection	6
mi	Main Collection	1
mm	CL Reference	105
ms	Electronic Resource	3
nm	Main Collection	2
om	Circulating Videos	65
pc	Elsa	1
pm	Circulating Videos	1
rm	Elsa	14
ta	Main Collection	2
tm	Curriculum Collection	88
ts	Electronic Resource	1

Electronic Resources Count

- Typical strategy: Count bibs in e-resource locations
  - Overcomes single bib choices for print + electronic
  - Overcome ambiguities in MARC coding (e.g., multiple 007s, 338s, 245$h)
  - Exclude reserves
- Experimental strategy: find using fixed field values: 008 Form byte = s or o
  - About 85% of bibs found by location;
  - 99% of well-coded bibs by location

```
where (bib007smd1 in ('cr','sr','sz','vz') or
       bib007smd2 in ('cr','sr','sz','vz'))
or bibform in ('o','s')
or (bib006type = 'm' and bib006form in ('o','s'))
```

```sql
from (
select bib_id, bib_format,
    case substr(bib_format,1,1) when 'a' then substr(bib_008,24,1)
                                when 'c' then substr(bib_008,24,1)
                                when 'd' then substr(bib_008,24,1)
                                when 'e' then substr(bib_008,30,1)
                                when 'f' then substr(bib_008,30,1)
                                when 'g' then substr(bib_008,30,1)
                                when 'i' then substr(bib_008,24,1)
                                when 'j' then substr(bib_008,24,1)
                                when 'k' then substr(bib_008,30,1)
                                when 'm' then substr(bib_008,24,1)
                                when 'o' then substr(bib_008,30,1)
                                when 'r' then substr(bib_008,30,1)
                                when 't' then substr(bib_008,24,1)
                                else '#' end as bibform,
    decode(bib_007n1,'NOT FOUND','#',substr(bib_007n1,6,2)) as bib007smd1,
    decode(bib_007n2,'NOT FOUND','#',substr(bib_007n2,6,2)) as bib007smd2,
    decode(bib_006,'NOT FOUND','#',substr(bib_006,6,1)) as bib006type,
    case substr(bib_006,6,1) when 'a' then substr(bib_006,12,1)
                             when 'c' then substr(bib_006,12,1)
                             when 'd' then substr(bib_006,12,1)
                             when 'e' then substr(bib_006,18,1)
                             when 'f' then substr(bib_006,18,1)
                             when 'g' then substr(bib_006,18,1)
                             when 'i' then substr(bib_006,12,1)
                             when 'j' then substr(bib_006,12,1)
                             when 'k' then substr(bib_006,18,1)
                             when 'm' then substr(bib_006,12,1)
                             when 'o' then substr(bib_006,18,1)
                             when 'r' then substr(bib_006,18,1)
                             when 't' then substr(bib_006,18,1)
                             else '#' end as bib006form
```

The BIB_FORMAT_DISPLAY table

– Replacement text for BIB_TEXT.bib_format (i.e., MARC Leader/06-07)

– May be updated in SysAdmin:

• Search > Title List Material Type Display

Query Usage

– Used in Collection Stat 1, 2, 3, 4, 6

– Join between BIB_TEXT.bib_format and BIB_FORMAT_DISPLAY.bib_format
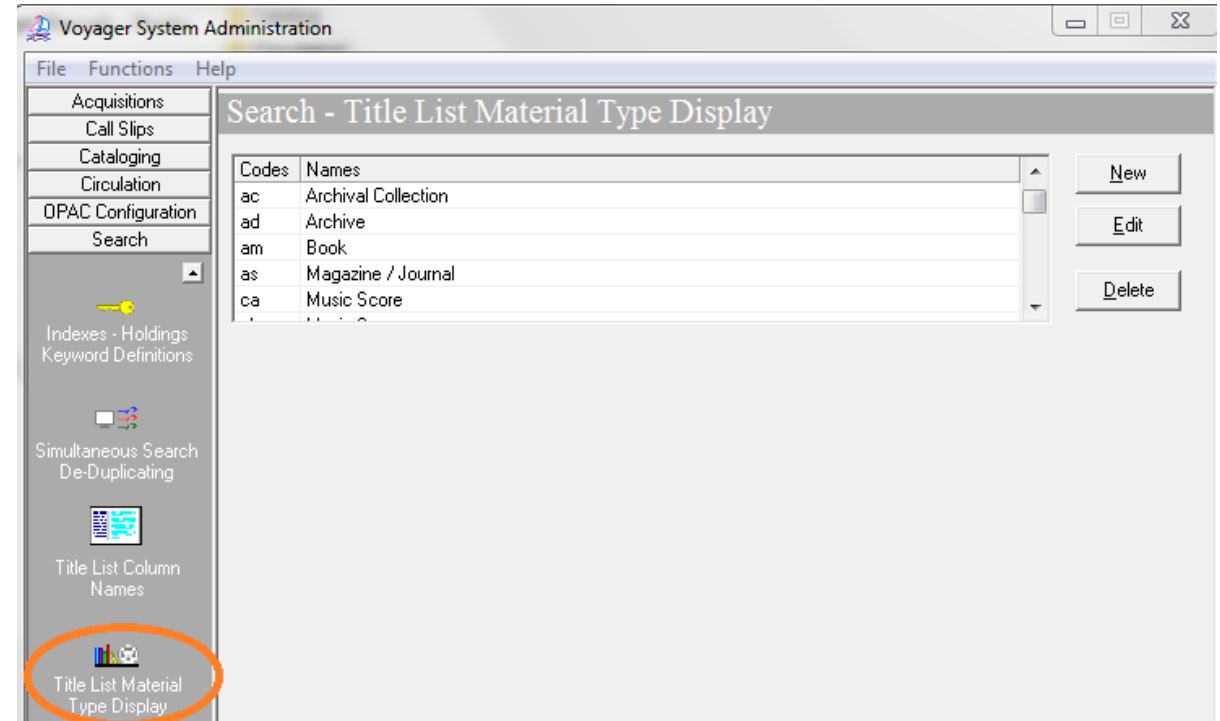
Accounting for the Unknown

- – Use outer join if table is incomplete
- – Use IIF() code to check if a value is present or return "Unknown format"

Best Practice

- – Add the missing values in SysAdmin
- – Refer to MARC documentation (www.loc.gov/MARC) or OCLC Bibliographic Formats & Standards (www.oclc.org/bibformats/en.html)

```
IIf(test condition, output on true, output on false)
```

```
IIf([bib_format_display] Is Null,
    [bib_text].[bib_format] & "=Unknown format",
    [bib_format_display].[bib_format] & "=" &
    [bib_format_display].[bib_format_display])
AS BibFormat
```

See https://www.carli.illinois.edu/products-services/i-share/reports/secure/sql-desc#12-19a

Any questions on today's topics?

What would you like to see or discuss?

Any help that you would like now?

Thanks for your time!